

OIPE

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/685,830

DATE: 10/20/2000  
TIME: 10:53:00

Input Set : A:\465c3.app  
Output Set: N:\CRF3\10202000\I685830.raw

ENTERED

C--> 3 <110> APPLICANT: Gaiger, Alexander  
4 Cheever, Martin A.  
9 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR WT1  
10 SPECIFIC IMMUNOTHERAPY  
12 <130> FILE REFERENCE: 210121.465C3  
14 <140> CURRENT APPLICATION NUMBER: US/09/685,830  
15 <141> CURRENT FILING DATE: 2000-10-09  
17 <160> NUMBER OF SEQ ID NOS: 326  
19 <170> SOFTWARE: FastSEQ for Windows Version 3.0  
21 <210> SEQ ID NO: 1  
22 <211> LENGTH: 17  
23 <212> TYPE: PRT  
24 <213> ORGANISM: Homo sapien  
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28 1 5 10 15  
29 Gly  
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33 <211> LENGTH: 23  
34 <212> TYPE: PRT  
35 <213> ORGANISM: Homo sapien  
37 <400> SEQUENCE: 2  
38 Pro Ser Gln Ala Ser Ser Gly Gln Ala Arg Met Phe Pro Asn Ala Pro  
39 1 5 10 15  
40 Tyr Leu Pro Ser Cys Leu Glu  
41 20  
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44 <211> LENGTH: 23  
45 <212> TYPE: PRT  
46 <213> ORGANISM: Mus musculus  
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51 Tyr Leu Pro Ser Cys Leu Glu  
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54 <210> SEQ ID NO: 4  
55 <211> LENGTH: 19  
56 <212> TYPE: PRT  
57 <213> ORGANISM: Homo sapien  
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62 Trp Thr Glu  
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66 <211> LENGTH: 22  
67 <212> TYPE: DNA  
68 <213> ORGANISM: Homo sapien

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70 <400> SEQUENCE: 5
71 gagagtcaga cttgaaagca gt                                22
73 <210> SEQ ID NO: 6
74 <211> LENGTH: 20
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76 <213> ORGANISM: Homo sapien
78 <400> SEQUENCE: 6
79 ctgagcctca gcaaatgggc                                20
81 <210> SEQ ID NO: 7
82 <211> LENGTH: 27
83 <212> TYPE: DNA
84 <213> ORGANISM: Homo sapien
86 <400> SEQUENCE: 7
87 gagcatgcat gggctccgac gtgcggg                        27
89 <210> SEQ ID NO: 8
90 <211> LENGTH: 25
91 <212> TYPE: DNA
92 <213> ORGANISM: Homo sapien
94 <400> SEQUENCE: 8
95 ggggtaccca ctgaacgggc cccga                          25
97 <210> SEQ ID NO: 9
98 <211> LENGTH: 18
99 <212> TYPE: DNA
100 <213> ORGANISM: Mus musculus
102 <400> SEQUENCE: 9
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105 <210> SEQ ID NO: 10
106 <211> LENGTH: 18
107 <212> TYPE: DNA
108 <213> ORGANISM: Mus musculus
110 <400> SEQUENCE: 10
111 gcctgggatg ctggactg                                18
113 <210> SEQ ID NO: 11
114 <211> LENGTH: 27
115 <212> TYPE: DNA
116 <213> ORGANISM: Mus musculus
118 <400> SEQUENCE: 11
119 gagcatgcga tgggttcga cgtgcgg                        27
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122 <211> LENGTH: 29
123 <212> TYPE: DNA
124 <213> ORGANISM: Mus musculus
126 <400> SEQUENCE: 12
127 ggggtacctc aaagcgccac gtggagttt                    29
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131 <212> TYPE: PRT
132 <213> ORGANISM: Mus musculus
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135 Arg Asp Leu Asn Ala Leu Leu Pro Ala Val Ser Ser Leu Gly Gly Gly
136 1 5 10 15
137 Gly
140 <210> SEQ ID NO: 14
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142 <212> TYPE: PRT
143 <213> ORGANISM: Mus musculus
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146 Gly Ala Thr Leu Lys Gly Met Ala Ala Gly Ser Ser Ser Ser Val Lys
147 1 5 10 15
148 Trp Thr Glu
151 <210> SEQ ID NO: 15
152 <211> LENGTH: 15
153 <212> TYPE: PRT
154 <213> ORGANISM: Homo sapien
156 <400> SEQUENCE: 15
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158 1 5 10 15
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162 <212> TYPE: PRT
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167 1 5 10 15
169 <210> SEQ ID NO: 17
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171 <212> TYPE: PRT
172 <213> ORGANISM: Mus musculus
174 <400> SEQUENCE: 17
175 Val Arg Arg Val Ser Gly Val Ala Pro Thr Leu Val Arg Ser
176 1 5 10
178 <210> SEQ ID NO: 18
179 <211> LENGTH: 14
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181 <213> ORGANISM: Homo sapien
183 <400> SEQUENCE: 18
184 Val Arg Arg Val Pro Gly Val Ala Pro Thr Leu Val Arg Ser
185 1 5 10
187 <210> SEQ ID NO: 19
188 <211> LENGTH: 15
189 <212> TYPE: PRT
190 <213> ORGANISM: Homo sapien
192 <400> SEQUENCE: 19
193 Cys Gln Lys Lys Phe Ala Arg Ser Asp Glu Leu Val Arg His His
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196 <210> SEQ ID NO: 20
197 <211> LENGTH: 15
198 <212> TYPE: PRT

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199 <213> ORGANISM: Mus musculus
201 <400> SEQUENCE: 20
202   Cys Gln Lys Lys Phe Ala Arg Ser Asp Glu Leu Val Arg His His
203     1             5             10             15
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206 <211> LENGTH: 21
207 <212> TYPE: DNA
208 <213> ORGANISM: Mus musculus
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215 <212> TYPE: DNA
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221 <210> SEQ ID NO: 23
222 <211> LENGTH: 20
223 <212> TYPE: DNA
224 <213> ORGANISM: Homo sapien
226 <400> SEQUENCE: 23
227   gtggggcgcc ccaggcacca
229 <210> SEQ ID NO: 24
230 <211> LENGTH: 24
231 <212> TYPE: DNA
232 <213> ORGANISM: Homo sapien
234 <400> SEQUENCE: 24
235   gtccttaatg ctacgcacga tttc
237 <210> SEQ ID NO: 25
238 <211> LENGTH: 21
239 <212> TYPE: DNA
240 <213> ORGANISM: Homo sapien
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245 <210> SEQ ID NO: 26
246 <211> LENGTH: 21
247 <212> TYPE: DNA
248 <213> ORGANISM: Homo sapien
250 <400> SEQUENCE: 26
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253 <210> SEQ ID NO: 27
254 <211> LENGTH: 21
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256 <213> ORGANISM: Homo sapien
258 <400> SEQUENCE: 27
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261 <210> SEQ ID NO: 28
262 <211> LENGTH: 9
263 <212> TYPE: PRT

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Input Set : A:\465c3.app  
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264 <213> ORGANISM: Homo sapien  
266 <400> SEQUENCE: 28  
267 Ala Ala Gly Ser Ser Ser Ser Val Lys  
268 1 5  
270 <210> SEQ ID NO: 29  
271 <211> LENGTH: 9  
272 <212> TYPE: PRT  
273 <213> ORGANISM: Homo sapien  
275 <400> SEQUENCE: 29  
276 Ala Ala Gln Phe Pro Asn His Ser Phe  
277 1 5  
279 <210> SEQ ID NO: 30  
280 <211> LENGTH: 9  
281 <212> TYPE: PRT  
282 <213> ORGANISM: Homo sapien  
284 <400> SEQUENCE: 30  
285 Ala Glu Pro His Glu Glu Gln Cys Leu  
286 1 5  
288 <210> SEQ ID NO: 31  
289 <211> LENGTH: 9  
290 <212> TYPE: PRT  
291 <213> ORGANISM: Homo sapien  
293 <400> SEQUENCE: 31  
294 Ala Gly Ala Cys Arg Tyr Gly Pro Phe  
295 1 5  
297 <210> SEQ ID NO: 32  
298 <211> LENGTH: 9  
299 <212> TYPE: PRT  
300 <213> ORGANISM: Homo sapien  
302 <400> SEQUENCE: 32  
303 Ala Gly Ser Ser Ser Ser Val Lys Trp  
304 1 5  
306 <210> SEQ ID NO: 33  
307 <211> LENGTH: 9  
308 <212> TYPE: PRT  
309 <213> ORGANISM: Homo sapien  
311 <400> SEQUENCE: 33  
312 Ala Ile Arg Asn Gln Gly Tyr Ser Thr  
313 1 5  
315 <210> SEQ ID NO: 34  
316 <211> LENGTH: 9  
317 <212> TYPE: PRT  
318 <213> ORGANISM: Homo sapien  
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321 Ala Leu Leu Pro Ala Val Pro Ser Leu  
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325 <211> LENGTH: 9  
326 <212> TYPE: PRT

VERIFICATION SUMMARY                      DATE: 10/20/2000  
PATENT APPLICATION:    US/09/685,830        TIME: 10:53:01  
  
Input Set : A:\465c3.app  
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L:14 M:270 C: Current Application Number differs, Wrong Format